QIBA fMRI Bias Work Group Call
Tuesday, September 02, 2014 at 10 AM CT
Call Summary

Participants

James Voyvodic, PhD (Chair)	Nancy Obuchowski, PhD	**RSNA**
Ted DeYoe, PhD	Jay J. Pillai, MD	Joe Koudelik
Cathy Elsinger, PhD	David Soltysik, PhD	Julie Lisiecki
Jed Mathis	Daniel Sullivan, MD	

DRO Project Update

- No problems occurred when group members downloaded the *DRO 100* sample dataset
- Dr. Voyvodic reported that the maps all look reasonable
- Five participating analysis sites/ PIs were confirmed for receiving a modest honoraria:
    1. Johns Hopkins, (Dr. Jay Pillai)
    2. Ohio State University, College of Medicine, (Dr. Andrew Kalnin)
    3. Temple University, (Dr. Feroze Mohamed)
    4. University of Texas Southwestern Medical Center, (Dr. Jerry Wang)
    5. William Beaumont Hospital, (Dr. Yuxiang Zhou)
    o Other participants: Drs. Voyvodic, Elsinger, DeYoe, Soltysik and Welker
- Cross-comparison of results and the threshold of each site needs to be established
- The goal is to determine how close to ground truth each software package performs
- Signal to noise ratio differences were discussed in relation to hand/motor data
- Possible data clustering adjustments were reviewed:
    o Unthresholded, standard threshold and clinical threshold were three suggested datasets to collect
    o Differentiation of clusters is necessary if different clusters are being used
- Clinical results interpretation discussed:
    o Clinical interpretation of results based on expert interaction which will be an attempt to move closer to the truth
    o Mindful that bias/precision problems may be present
- Dr. Voyvodic to standardize the results received to-date and will post to the Duke website
- Dr. Voyvodic to send Dr. DeYoe unthresholded DRO data for reference
- Dr. DeYoe will work on the next set of DROs for completion in the next few weeks

Next calls:
QIBA fMRI Technical Committee, *Wednesday, September 10, 2014 at 11am (CT)*
QIBA fMRI Bias Working Group*, Tuesday, September 16, 2014 at 10am (CT)*